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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION  
NASA-12495 (October 2003)  
NASA  
Superseding NASA-12495  
(September 1999)  
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SECTION 12495

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10/03

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SECTION 12495

HORIZONTAL LOUVER BLINDS  
10/03

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NOTE: Delete, revise, or add to the text in this  
section to cover project requirements. Notes are  
for designer information and will not appear in the  
final project specification.

This section covers horizontal venetian blinds not  
exceeding 16 feet 4880 millimeter in continuous  
lengths and not exceeding a total weight of 30 pounds  
66 kilogram.

Drawings must indicate:

Location and number of windows to receive blinds

Details must indicate whether the blinds are recess  
mounted between the window jambs, wall mounted  
outside the window jambs, ceiling mounted, or pocket  
mounted.

Hold-down or sway-stop brackets as required

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PART 1 GENERAL

1.1 REFERENCES

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NOTE: The following references should not be  
manually edited except to add new references.  
References not used in the text will automatically  
be deleted from this section of the project  
specification.  
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The publications listed below form a part of this section to the extent  
referenced:

U.S. GENERAL SERVICES ADMINISTRATION (GSA)

FS AA-V-00200

(Rev B) Venetian Blinds

UNDERWRITERS LABORATORIES (UL)

UL 325 (1995) UL Standard Specification for  
Safety Door, Drapery, Gate, Louver and  
Window Operator's and Systems

1.2 SUBMITTALS

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**NOTE: Review submittal description (SD) definitions in Section 01330 SUBMITTAL PROCEDURES and edit the following list to reflect only the submittals required for the project. Submittals should be kept to the minimum required for adequate quality control. Include a columnar list of appropriate products and tests beneath each submittal description.**

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The following shall be submitted in accordance with Section 01330 SUBMITTAL PROCEDURES in sufficient detail to show full compliance with the specification:

SD-02 Shop Drawings

Installation drawings shall be submitted for Venetian Blinds in accordance with the paragraph entitled, "Installation," of this section.

SD-04 Samples

Manufacturer's standard color charts shall be submitted for Venetian Blinds showing the manufacturer's recommended color and finish selections.

Sample Venetian Blinds: Three full-size by 12-inches 300 millimeter long of each color shall be provided.

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**NOTE: Delete the following paragraph if a preproduction sample of the finished blind is not required.**

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Preproduction sample of finished blinds shall be provided in accordance with FS AA-V-00200 UL 325.

SD-07 Certificates

Certificates shall be submitted for Venetian Blinds showing conformance with FS AA-V-00200 UL 325.

## PART 2 PRODUCTS

### 2.1 GENERAL

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NOTE: The referenced specification calls for blind slats to be 2 inches 50 millimeter wide, if smaller or larger width slats are required, they must be specified. Also specify slat material and temper, width, thickness, and color(s). Stipulate head and bottom rail materials and color, operator(s), ladders, and their spacing.  
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Venetian Blinds materials, fabrication, assembly, workmanship, finish, inspection, testing, and other similar items shall be in conformance with FS AA-V-00200 UL 325.

[Hold-down or sway-stop brackets shall be provided.]

## PART 3 EXECUTION

### 3.1 FIELD MEASUREMENTS

Contractor shall take measurements and be responsible for approved fitting and hanging.

### 3.2 INSTALLATION

Venetian Blinds shall be installed in a rigid, substantial manner, straight, plumb, and level with blinds located as indicated.

Mounting brackets shall be secured to supporting surfaces with anchors of types indicated by the following substrate construction. Spacing of mounting brackets shall not exceed 72 inches 1830 millimeter on center.

[Mounting brackets shall be secured with toggle bolts to plaster on metal-lath surfaces, plaster on gypsum-lath surfaces, and gypsum board surfaces. Toggle bolt size shall be at least No. 10-24 5M-5 (No. 10-24), length as required for wall thickness. Toggle bolts shall have a load-carrying strength of not less than 350 pounds 1550 newton per anchor.]

[Mounting brackets shall be secured to masonry, clay tile, or concrete with lead expansion shields. Expansion shields shall be designed for use with not less than No. 10-24 5M-5 (No. 10-24) screws. Shield length shall be not less than 1 inch 25 millimeter with a load carrying strength of not less than 300 pounds 1330 newton per anchor.]

### 3.3 CLEANING AND FINAL ADJUSTMENT

After completion of the installation, final adjustments to operating hardware, cords, louvers, and other parts of the blind assembly shall be performed to ensure proper operation. Exposed surfaces shall be cleaned and ready for use. Damaged, spotted, or otherwise defective parts shall be

removed and replaced with new materials or repainted/restored at no additional cost to the Government.

-- End of Section --